

# Rate of Discount and List Price\*

Name \_\_\_\_\_

Date \_\_\_\_\_

Find the rate of discount.

$$D = LP \times R \text{ or } \frac{D}{LP} = \frac{R \text{ of } D}{R \text{ of } LP}$$

$$\frac{D}{LP} = \frac{R \text{ of } D}{R \text{ of } LP}$$

1. List price: \$96.50  
Discount: \$28.95

Rate: \_\_\_\_\_

2. List price: \$33.60  
Discount: \$6.72

Rate: \_\_\_\_\_

3. List price: \$124.00  
Discount: \$17.36

Rate: \_\_\_\_\_

4. List price: \$89.98  
Discount: \$44.99

Rate: \_\_\_\_\_

5. List price: \$63.18  
Discount: \$42.12

Rate: \_\_\_\_\_

6. List price: \$453.00  
Discount: \$67.95

Rate: \_\_\_\_\_

Find the list price.

$$\text{rate} \times \text{list price} = \text{discount} \quad (20\% n = \$100) \\ (n = \$500)$$

7. Discount: \$225  
Rate: 5%

List price: \_\_\_\_\_

8. Discount: \$5.67  
Rate: 9%

List price: \_\_\_\_\_

9. Discount: \$7.56  
Rate: 12%

List price: \_\_\_\_\_

10. Discount: \$72.80  
Rate: 14%

List price: \_\_\_\_\_

11. Discount: \$12.75  
Rate: 15%

List price: \_\_\_\_\_

12. Discount: \$241  
Rate:  $33\frac{1}{3}\%$

List price: \_\_\_\_\_

Solve.

13. Steve bought a book with a list price of \$9.80. He received a discount of 49¢. Find the rate of discount.

\_\_\_\_\_

14. Laura bought a bike on sale for \$7.16 off the list price. The discount was 8%. What was the list price?

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